

Message

From: King, Carol [King.Carol@epa.gov]
Sent: 1/24/2020 6:45:55 PM
To: Denton, Loren [Denton.Loren@epa.gov]
CC: Wilson, Dane [Wilson.Dane@epa.gov]; Rausch, Heidi [Rausch.Heidi@epa.gov]; Speir, Jeffrey [speir.jeffrey@epa.gov]
Subject: Petition for SDWA 1431 for Nitrate Contamination in Lower Umatilla Basin in Oregon
Attachments: 2020.01.16 FINAL Petition for Emergency Action Pursuant to the Safe Drinking Water Act.pdf

Importance: High

Loren,

Below is a draft FYSA message that Dane prepared for Rosemarie (or WED management) to send to Susan as soon as possible in light of the SDWA 1431 petition that Region 10 and the Administrator received on 1/16. Please let us know if it looks ok or if you have edits before it goes to Mark and Rosemarie. It's an action item from this week's WED General.

Thanks,

Carol

Susan,

This email is being provided for your situational awareness. On January 16, 2020 a petition was sent to EPA Administrator Wheeler and Region 10 Regional Administrator Hladick, requesting that EPA invoke its emergency powers under SDWA Section 1431 to address nitrate contamination in the Lower Umatilla Basin in Oregon. This request was submitted on behalf of eight groups, including Food & Water Watch, Columbia Riverkeeper, Friends of Family Farmers, Water Watch of Oregon and the Center for Biological Diversity. WED had a preliminary call with Region 10 on January 23. The Region is still reviewing the submission, which totaled almost 1,500 pages. The petition appears largely based on information and data compiled by the state and local governments. The data shows that nitrate contamination has been a long-standing issue for this area.

In this Section 1431 petition, the groups contend that the cause of the nitrate contamination is related to CAFO and irrigated agriculture, and that the state's past, voluntary measures have been unsuccessful at reducing the nitrate concentration in underground drinking water sources. Based on the petitioners' letter, there are currently 13 CAFOs operating in the Lower Umatilla Basin that have been permitted to house nearly 180,000 head of cattle, producing over 4 billion pounds of manure each year. The state of Oregon estimates that 90% of the animal waste from these CAFOs is land applied.

The petitioners have argued that EPA's Section 1431 authority is necessary to address an imminent and substantial endangerment to human health, and that the state has not acted in a manner to abate the contamination. Specifically, the petitioners have requested that EPA take the following measures under its SDWA 1431 authority: (1) provide alternative water to residents whose wells or PWSs exceed the safe limits for nitrate; (2) conduct additional investigation and monitoring throughout the region; (3) issue orders to require CAFOs land applying manure or fertilizers to modify their practices to cease overburdening the area with nitrogen; (4) issue an order to prevent new CAFOs in the area until the nitrate concentrations fall below the standard; (5) investigate Oregon's BMPs for CAFO nutrient management to determine why they have been unsuccessful at protecting groundwater; and (6) determine what enforcement measures are necessary to effectively reduce the nitrogen concentrations and implement those measures.

WED has another call scheduled with Region 10 on January 29. Please let us know if you have any questions.